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PHOTOGRAPHIC INTELLIGENCE REPORT

CHINESE POWER PLANTS

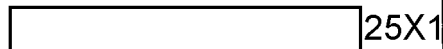
SINKIANG UIGHUR AUTONOMOUS REGION

Declass Review by NIMA/DOD



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DATE JULY 1966

COPY

PAGES 9

GROUP 1  
Excluded from automatic  
downgrading and declassification

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## CHINESE POWER PLANTS

SINKIANG UIGHUR AUTONOMOUS REGION

- (A) Wu-lu-mu-chi Thermal Power Plant (Wei-hu-liang)
- (B) Yamaata Thermal Power Plant

REQUIREMENT

C-RR5-83,218

CIA/IAD PROJECT

30647-6

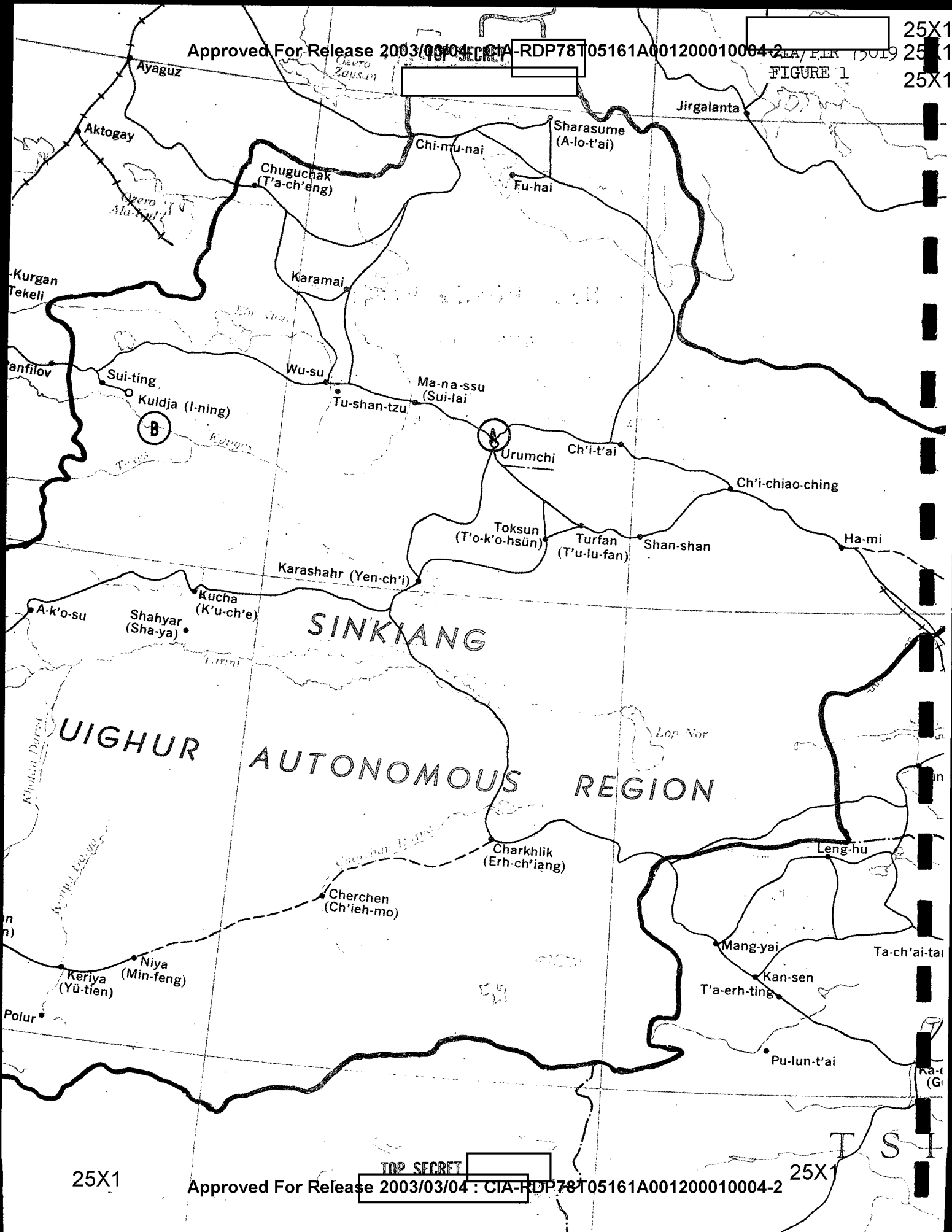
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FIGURE 1

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WU-LU-MU-CHI THERMAL POWER PLANT (WEI-HU-LIANG)

NPIC NUMBER - 4-M

Wu-lu-mu-chi Thermal Power Plant (Wei-hu-liang), also known as Urunchi Thermal Power Plant (Wei-hu-liang), is located 8.0 nm southeast of Wu-lu-mu-chi One Airfield at 43 51 10N - 87 38 40E. The plant has an integrated control house, substation with at least four transformers, four small oil storage tanks, one natural draft cooling tower, coal conveyor, and several support/storage buildings.

The boilerhouse is of conventional design and is equipped with three free-standing masonry stacks. No dust-catchers were evident and the arrangement of flues could not be discerned, consequently precluding any assessment of the number of boiler units. Generator cable leads were not visible, probably due to inadequate film quality. However, four large transformers were observed opposite the northern end of the generator hall and three sets of probable generator cable support mounts could be discerned on the southern wall of the hall, suggesting that seven generator units may be installed.

The only apparent change during the period [redacted] involved the erection of cooling tower A.

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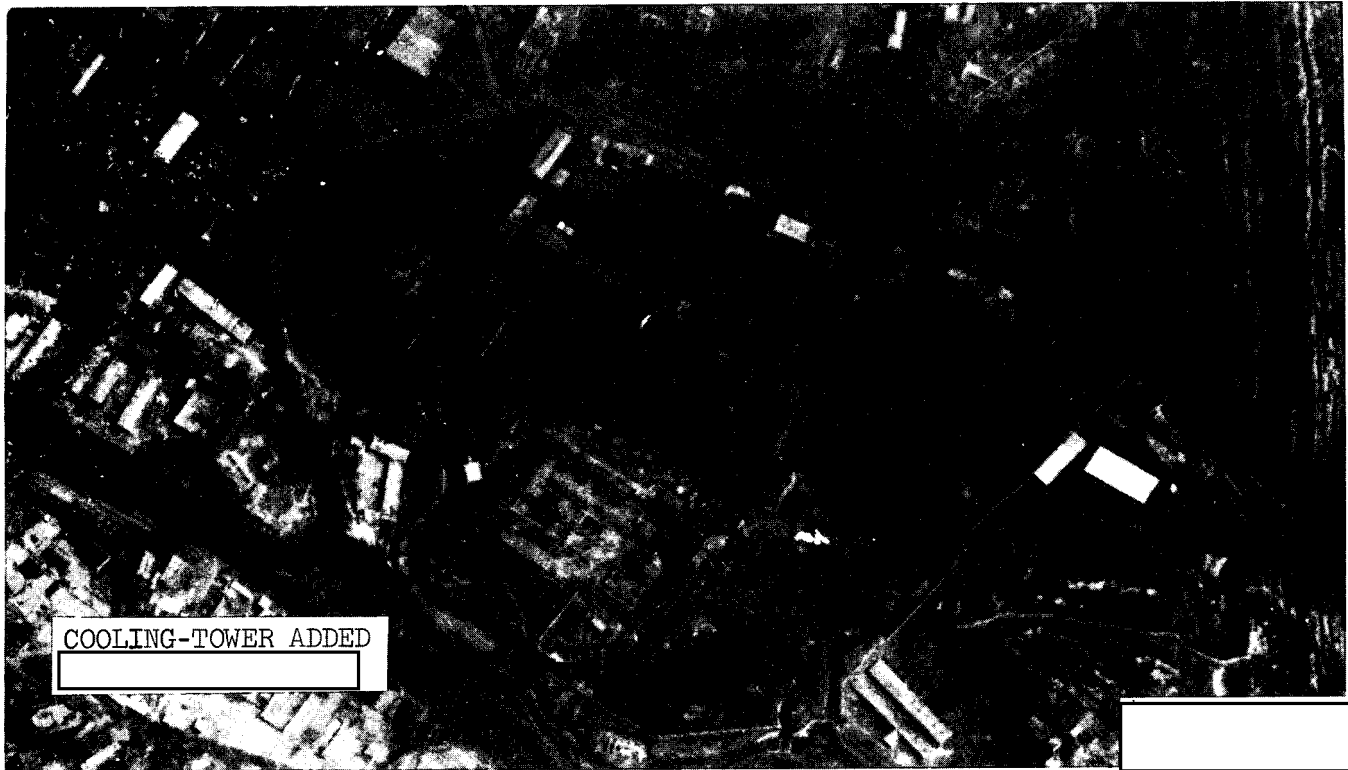
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FIGURE 2

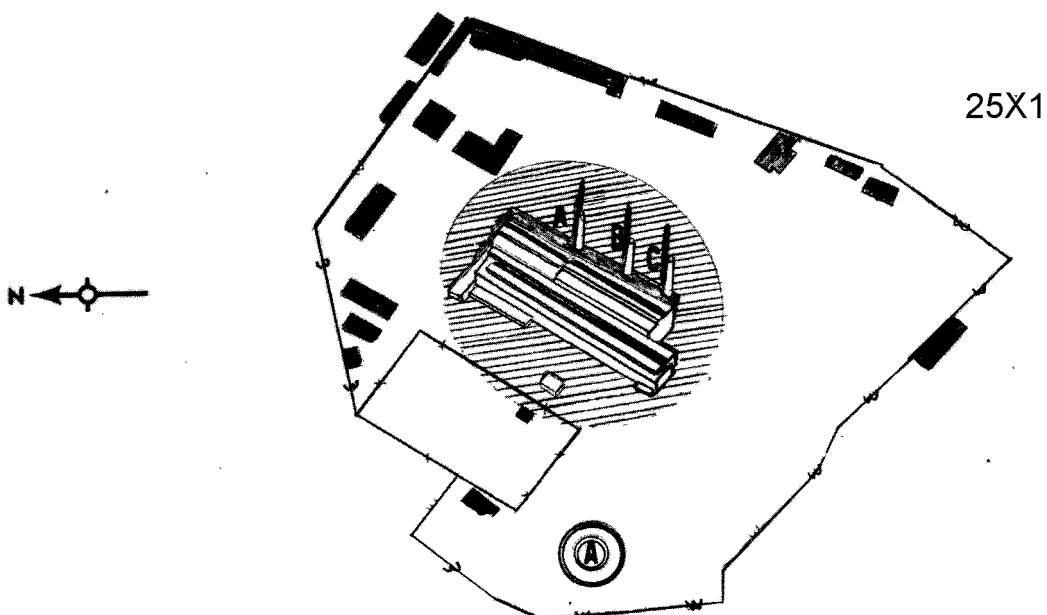
WU-LU-MU-CHI THERMAL POWER PLANT (WEI-HU-LIANG)

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WU-LU-MU-CHI THERMAL POWER PLANT (WEI-HU-LIANG)

CONSTRUCTION ACTIVITY	LEVEL OF PRODUCTION
None apparent.	No smoke/vapor observed.
None	Moderate smoke from stacks A, B, and C.
None	Possible light smoke from stack B.
None	No smoke/vapor observed.
Cooling tower A constructed	No smoke/vapor observed.
None apparent.	Moderate smoke from undeterminable number of stacks. Moderate vapor from cooling tower A.

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## YAMAATA THERMAL POWER PLANT

Yamaata Thermal Power Plant is located approximately 5.0 nm northwest of Yamaata Complex at coordinates 43 37 30N - 81 48 40E. The facility is still under construction and will apparently be coal-operated when completed.

The boilerhouse has one set of dust-catchers installed and mounts for probably two other sets, indicating that at least three boiler units will be installed. The generator hall has no power cables visible; however, two transformer shelters are located within the incomplete substation, suggesting that the plant will have at least two generator units.

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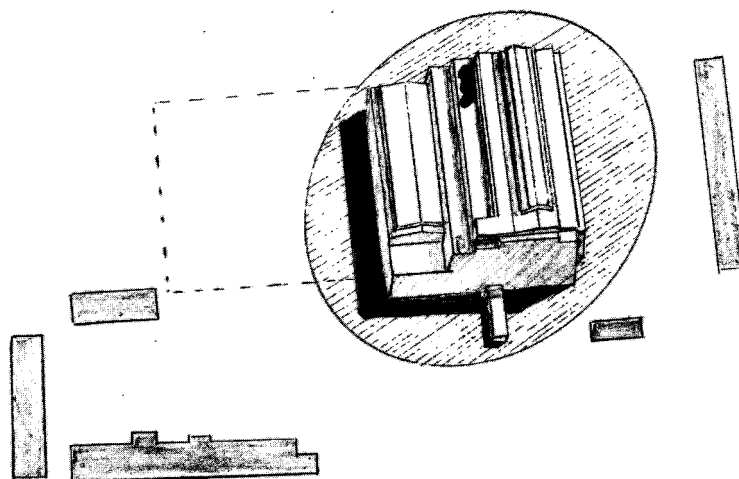
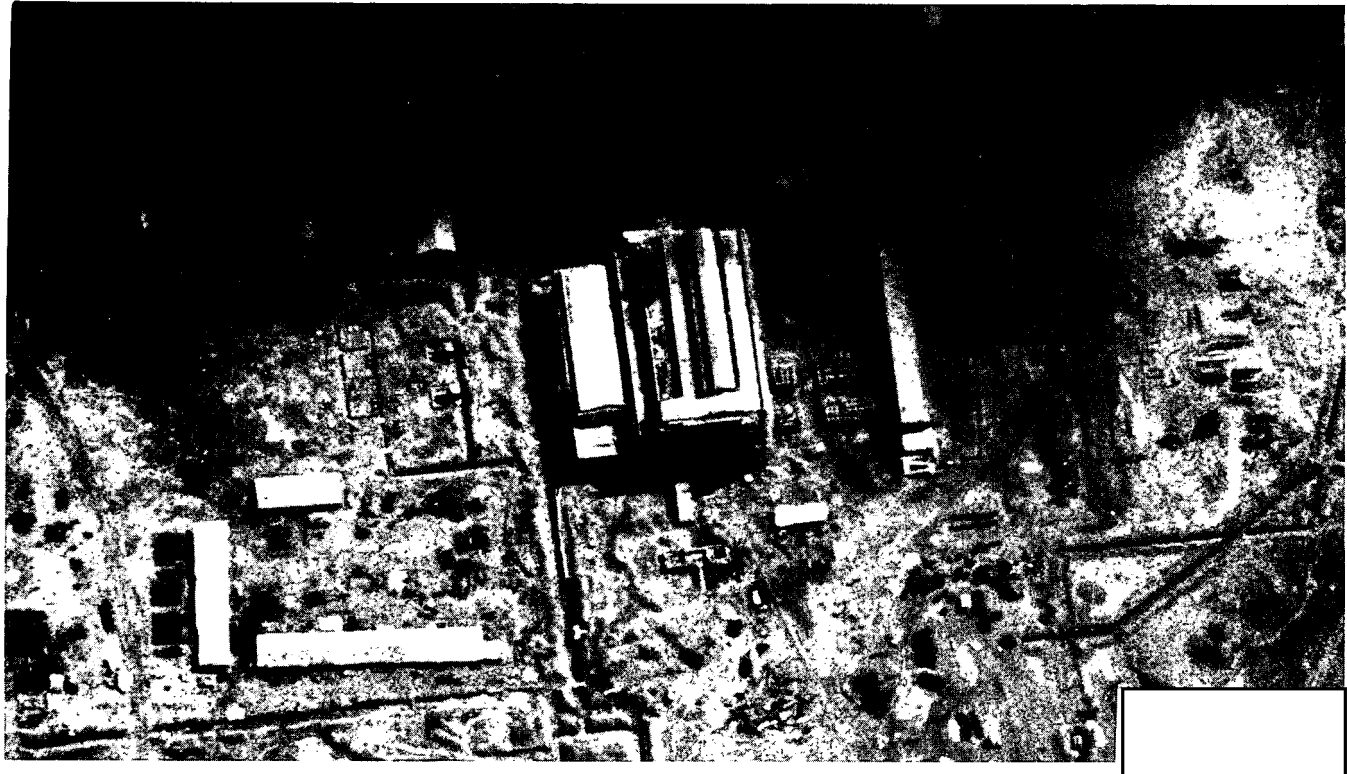
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FIGURE 3

YAMAATA THERMAL POWER PLANT

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FIGURE 4

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YAMAATA THERMAL POWER PLANT



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YAMAATA THERMAL POWER PLANT

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CONSTRUCTION ACTIVITY	LEVEL OF PRODUCTION
There is no evidence that construction work on the power plant has begun.	N/A
Generator hall and foundations for the boilerhouse are complete. Several support/storage buildings are also evident.	N/A
Boilerhouse is apparently complete and equipped with one dust-catcher. The substation is being constructed; two transformer shelters are already installed.	N/A

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